INSTRUCTIONS FOR DAILY FLOW STORM SEPARATION:

k at Green I 1. COPY DAILY DATA SET INTO COLUMN A
(COPY ENTIRE COLUMN FROM RAW DATA SETS SHEET)
2. VARY INPUT VARIABLES BELOW USING JUDGEMENT
3. SAVE RESULTS ELSEWHERE.

USER INPUT VARIABLES

	2.3	= Starting baseflow if 1st flow value is missing
	20.0%	= Max allowable baseflow increase per day in %:
0.25	1.5	= Max allowable baseflow increase per day in cfs
	15.0%	= Must exceed baseflow by this much to flag as storm

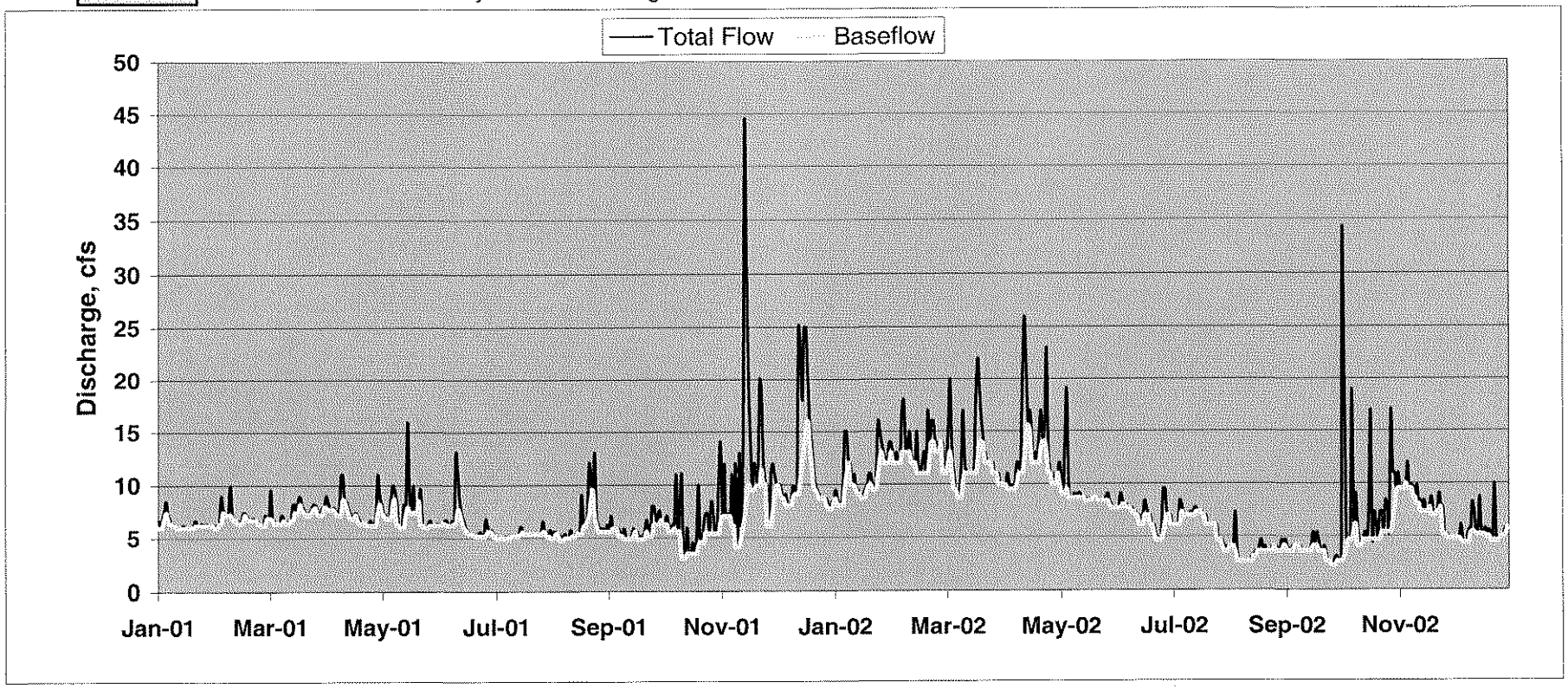
OUTPUT SUMMARY for 2001 - 2002

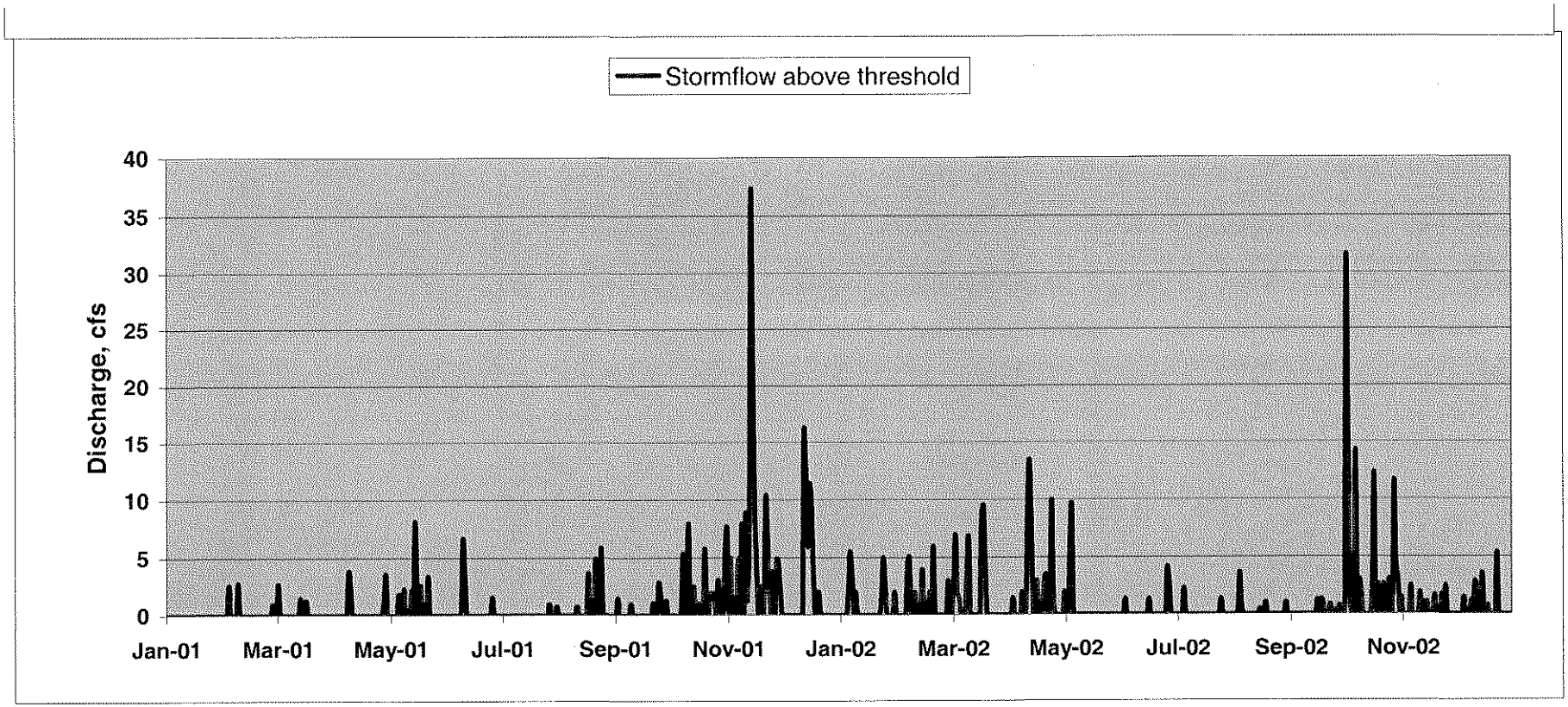
Station ID 40D Max Crisp Creek at Green River Road

Number of Missing Data Values	**0**
Number of Storm Events	**102**
Maximum Event Duration	**7** Days

Stats	Baseflow	Stormflow
Min	2.3	n/a
Mean	7.7	4.3
Max	16.0	36.9

2.3 20.0% 1.5 15.0%




Stormflow above threshold
Discharge, cfs
40
35
30
25
20
15
10
5
0
Jan-01
Mar-01
May-01
Jul-01
Sep-01
Nov-01
Jan-02
Mar-02
May-02
Jul-02
Sep-02
Nov-02

INSTRUCTIONS FOR DAILY FLOW STORM SEPARATION:

(north) abov **1.** COPY DAILY DATA SET INTO COLUMN A
(COPY ENTIRE COLUMN FROM RAW DATA SETS SHEET)
2. VARY INPUT VARIABLES BELOW USING JUDGEMENT
3. SAVE RESULTS ELSEWHERE.

USER INPUT VARIABLES

	0.6	= Starting baseflow if 1st flow value is missing
	20.0%	= Max allowable baseflow increase per day in %:
0.25	0.3	= Max allowable baseflow increase per day in cfs
	15.0%	= Must exceed baseflow by this much to flag as storm

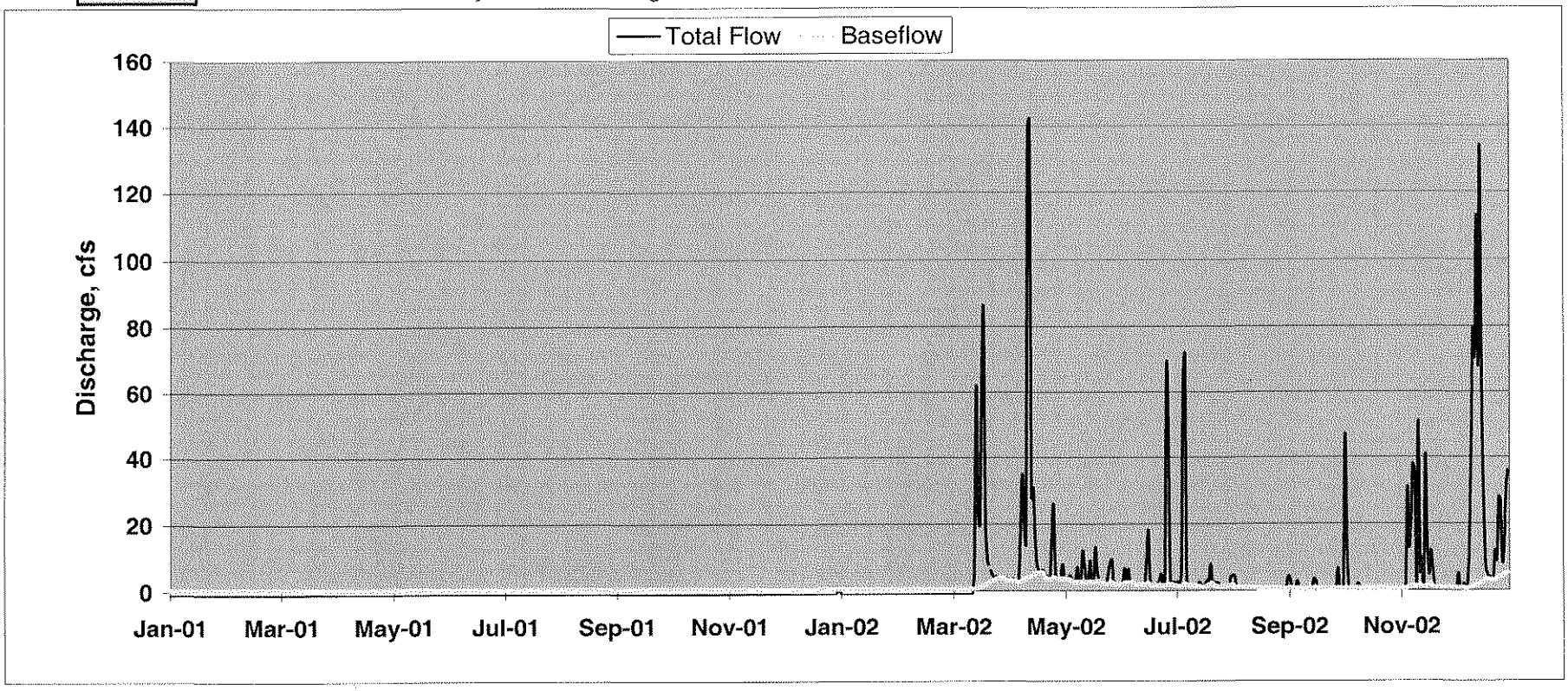
OUTPUT SUMMARY for 2001 - 2002

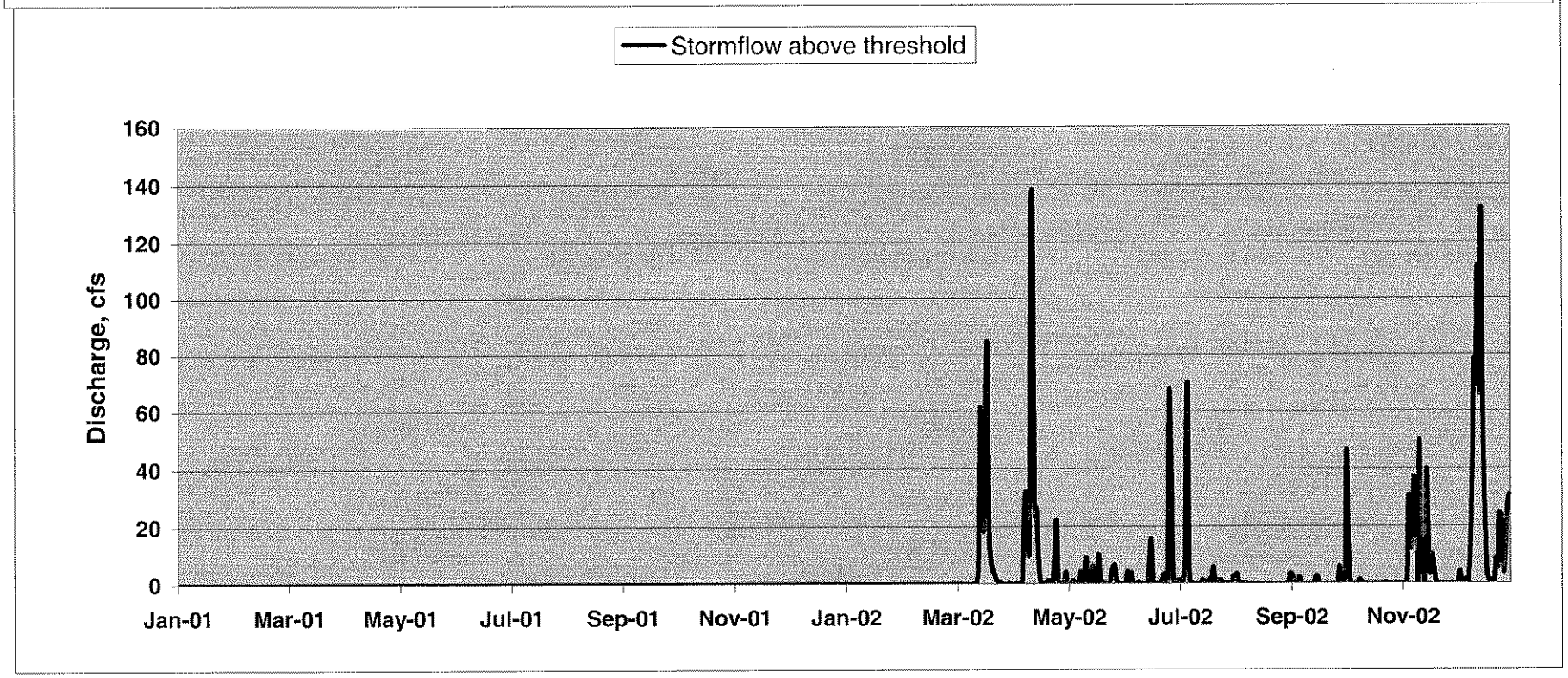
Station ID 03F Max Mill Creek (north) above Kent Facility

Number of Missing Data Values	**436**
Number of Storm Events	**53**
Maximum Event Duration	**13** Days

Stats	Baseflow	Stormflow
Min	0.6	n/a
Mean	1.1	15.4
Max	5.5	137.8

0.6 20.0% 0.3 15.0%




Stormflow above threshold
Discharge, cfs
160
140
120
100
80
60
40
20
0
Jan-01
Mar-01
May-01
Jul-01
Sep-01
Nov-01
Jan-02
Mar-02
May-02
Jul-02
Sep-02
Nov-02

INSTRUCTIONS FOR DAILY FLOW STORM SEPARATION:

ek South F(**1.** COPY DAILY DATA SET INTO COLUMN A
(COPY ENTIRE COLUMN FROM RAW DATA SETS SHEET)
2. VARY INPUT VARIABLES BELOW USING JUDGEMENT
3. SAVE RESULTS ELSEWHERE.

USER INPUT VARIABLES

	0.6	= Starting baseflow if 1st flow value is missing
	20.0%	= Max allowable baseflow increase per day in %:
0.25	0.3	= Max allowable baseflow increase per day in cfs
	15.0%	= Must exceed baseflow by this much to flag as storm

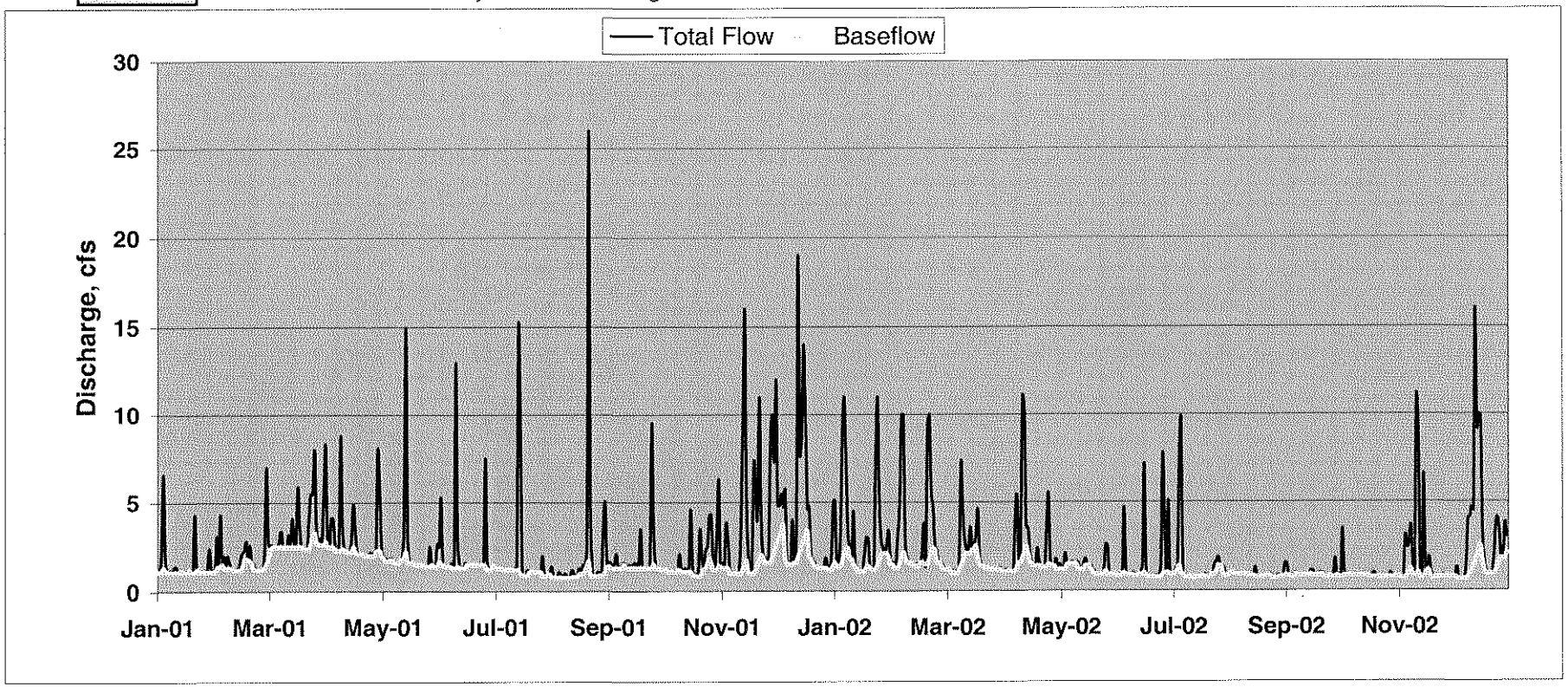
OUTPUT SUMMARY for 2001 - 2002

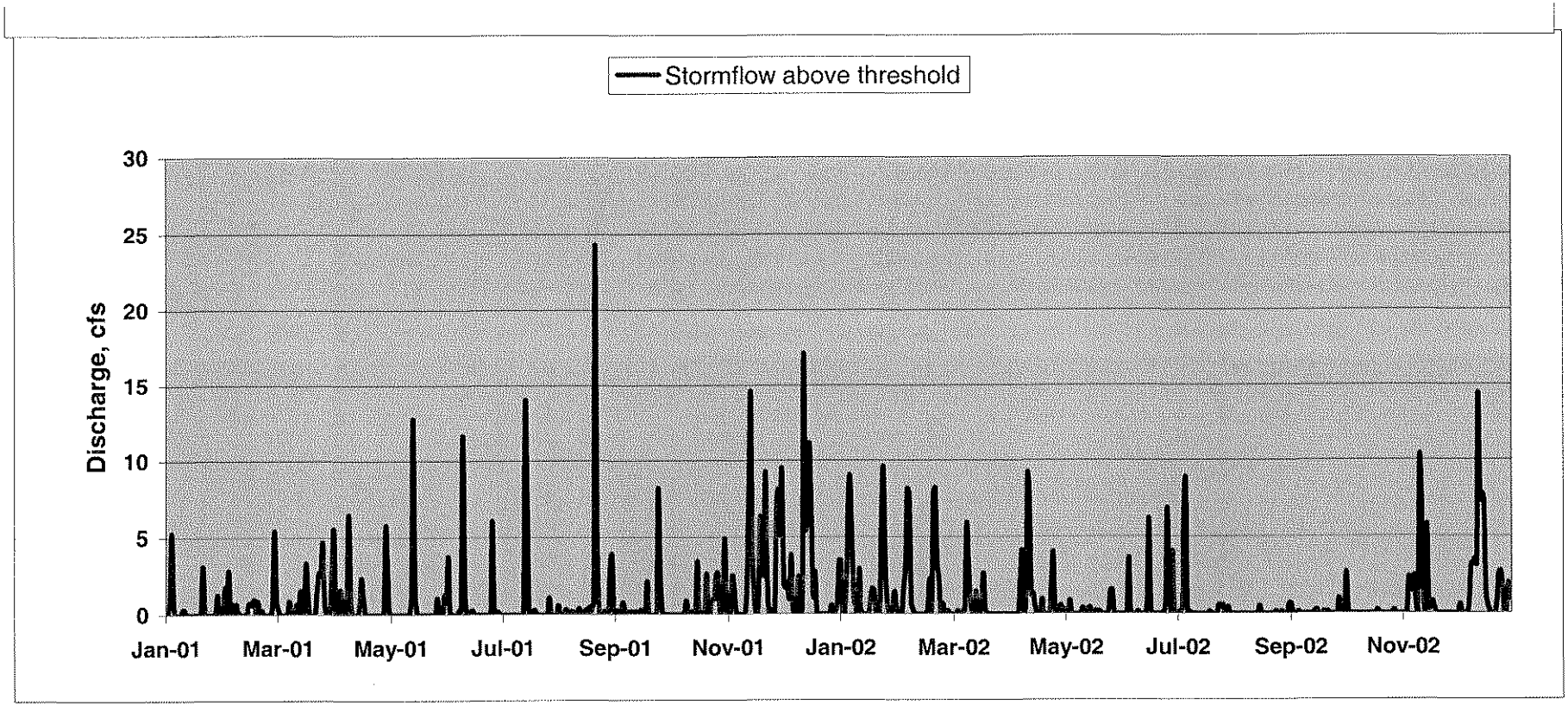
Station ID HA5 Max Hamm Creek South Fork

Number of Missing Data Values	**0**
Number of Storm Events	**123**
Maximum Event Duration	**12** Days

Stats	Baseflow	Stormflow
Min	0.6	n/a
Mean	1.3	2.5
Max	3.7	24.3

0.6 20.0% 0.3 15.0%




Stormflow above threshold
Discharge, cfs
30
25
20
15
10
5
0
Jan-01
Mar-01
May-01
Jul-01
Sep-01
Nov-01
Jan-02
Mar-02
May-02
Jul-02
Sep-02
Nov-02

INSTRUCTIONS FOR DAILY FLOW STORM SEPARATION:

ı Creek at 3 **1.** COPY DAILY DATA SET INTO COLUMN A
(COPY ENTIRE COLUMN FROM RAW DATA SETS SHEET)
2. VARY INPUT VARIABLES BELOW USING JUDGEMENT
3. SAVE RESULTS ELSEWHERE.

USER INPUT VARIABLES

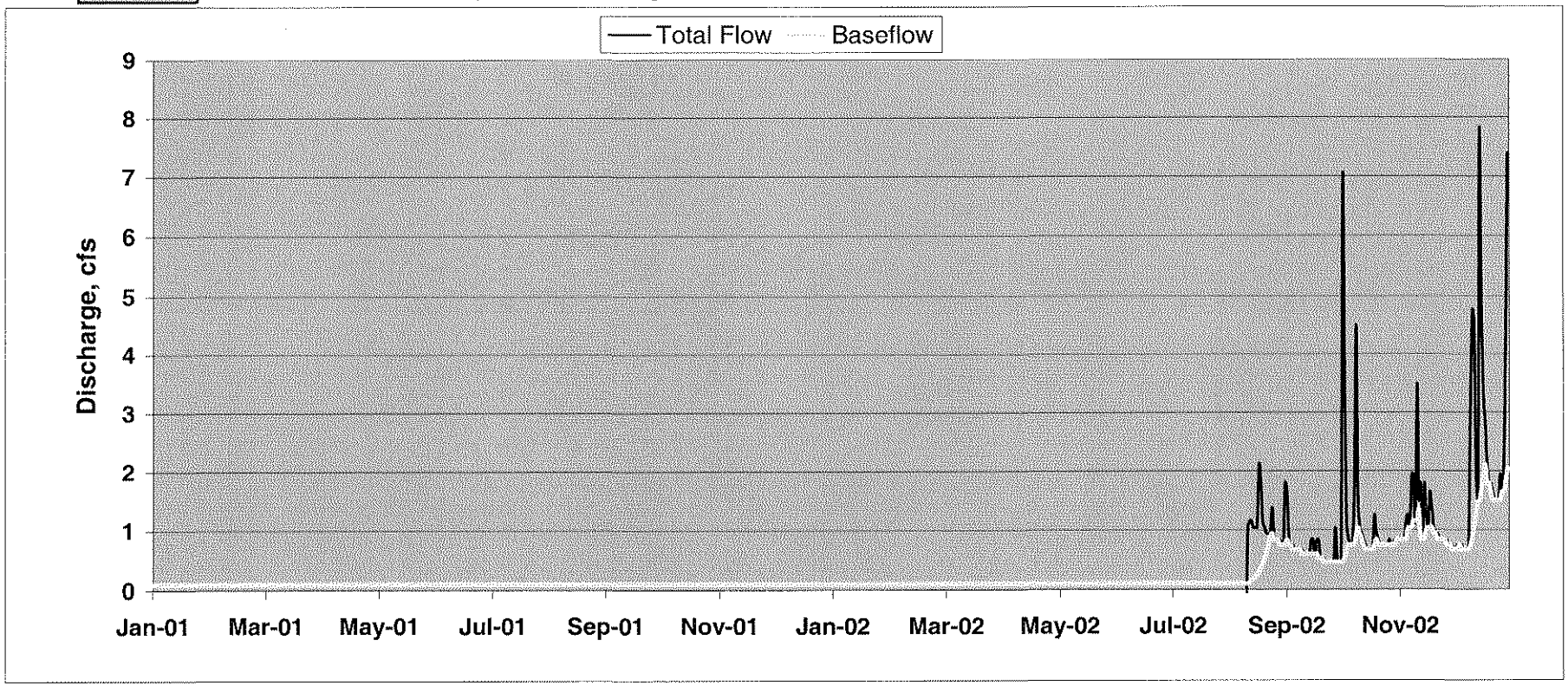
	0.1	= Starting baseflow if 1st flow value is missing
	20.0%	= Max allowable baseflow increase per day in %:
0.25	0.2	= Max allowable baseflow increase per day in cfs
	15.0%	= Must exceed baseflow by this much to flag as storm

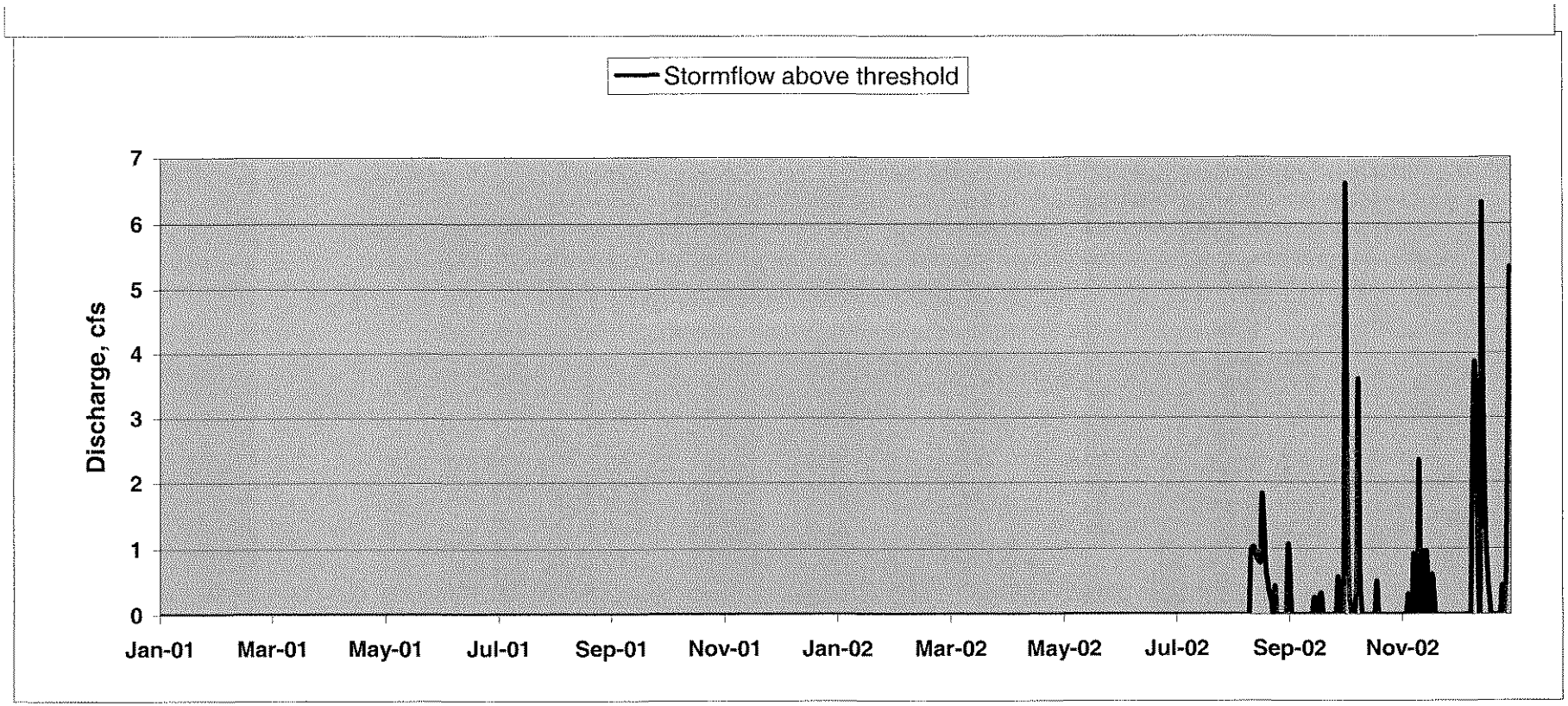
OUTPUT SUMMARY for 2001 - 2002

Station ID 44hMax Newaukum Creek at 305th

Number of Missing Data Values	**589**
Number of Storm Events	**19**
Maximum Event Duration	**12** Days

Stats	Baseflow	Stormflow	
Min	0.1	n/a	
Mean	0.8	1.4	
Max	2.1	6.6	
0.1	20.0%	0.2	15.0%




Stormflow above threshold
Discharge, cfs
7
6
5
4
3
2
1
0
Jan-01
Mar-01
May-01
Jul-01
Sep-01
Nov-01
Jan-02
Mar-02
May-02
Jul-02
Sep-02
Nov-02

INSTRUCTIONS FOR DAILY FLOW STORM SEPARATION:

A-Agricultur **1.** COPY DAILY DATA SET INTO COLUMN A
(COPY ENTIRE COLUMN FROM RAW DATA SETS SHEET)
2. VARY INPUT VARIABLES BELOW USING JUDGEMENT
3. SAVE RESULTS ELSEWHERE.

USER INPUT VARIABLES

	0.05	= Starting baseflow if 1st flow value is missing
	20.0%	= Max allowable baseflow increase per day in %:
0.25	0.3	= Max allowable baseflow increase per day in cfs
	15.0%	= Must exceed baseflow by this much to flag as storm

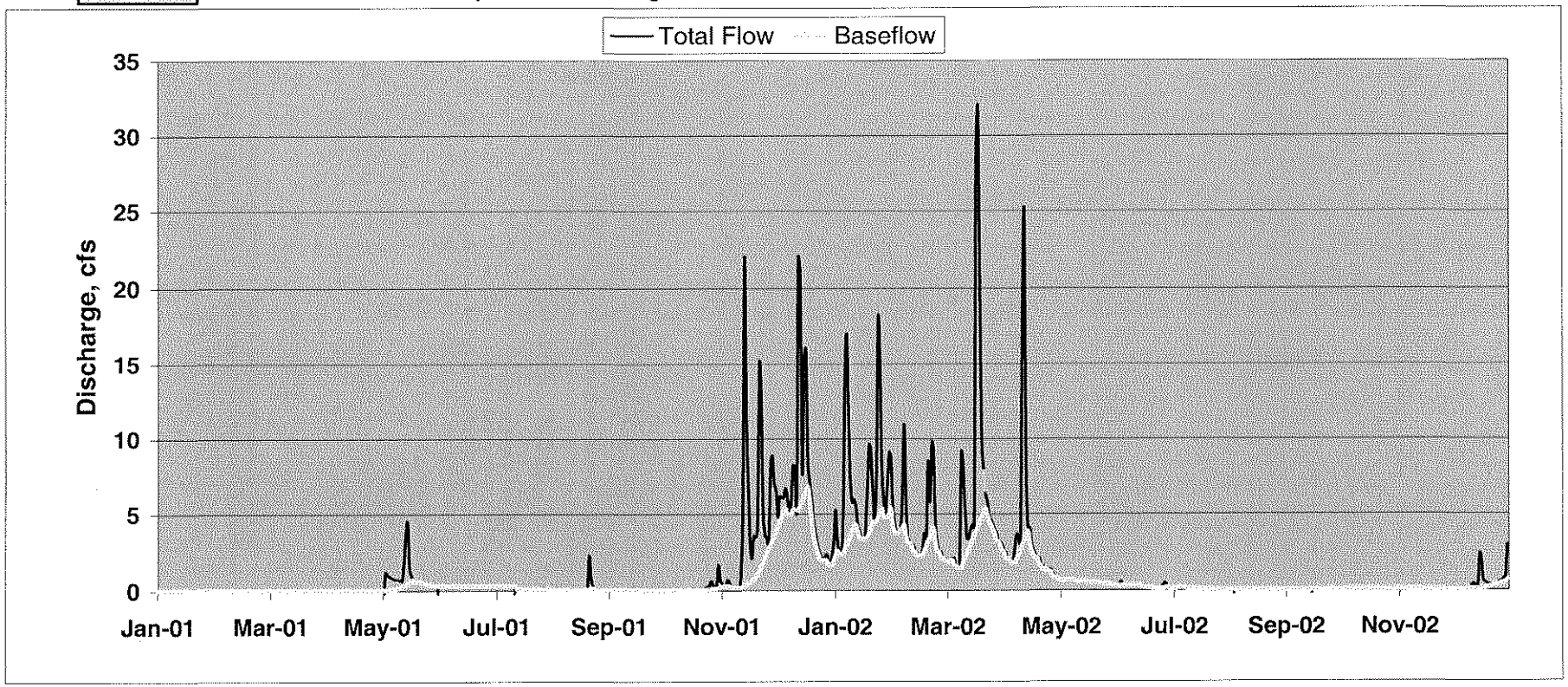
OUTPUT SUMMARY for 2001 - 2002

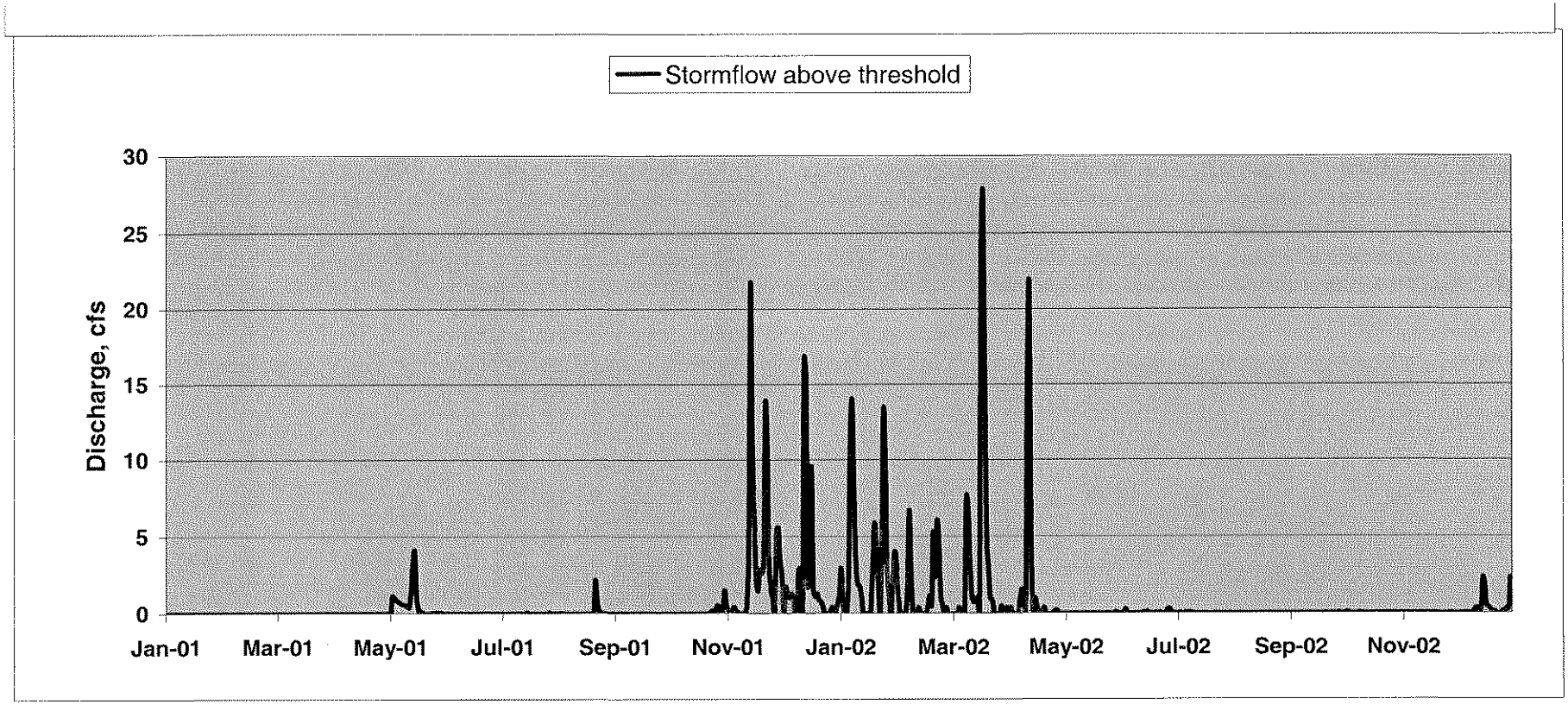
Station ID 44G Max Green WQA-Agricultural

Number of Missing Data Values	**206**
Number of Storm Events	**83**
Maximum Event Duration	**15** Days

Stats	Baseflow	Stormflow
Min	0.0	n/a
Mean	1.0	2.3
Max	6.8	27.8

0.05 20.0% 0.3 15.0%




Stormflow above threshold
Discharge, cfs
30
25
20
15
10
5
0
Jan-01
Mar-01
May-01
Jul-01
Sep-01
Nov-01
Jan-02
Mar-02
May-02
Jul-02
Sep-02
Nov-02

A-Urban

INSTRUCTIONS FOR DAILY FLOW STORM SEPARATION:

1. COPY DAILY DATA SET INTO COLUMN A
   (COPY ENTIRE COLUMN FROM RAW DATA SETS SHEET)
2. VARY INPUT VARIABLES BELOW USING JUDGEMENT
3. SAVE RESULTS ELSEWHERE.

USER INPUT VARIABLES

	0.01	= Starting baseflow if 1st flow value is missing
	20.0%	= Max allowable baseflow increase per day in %:
0.25	0.03	= Max allowable baseflow increase per day in cfs
	15.0%	= Must exceed baseflow by this much to flag as storm

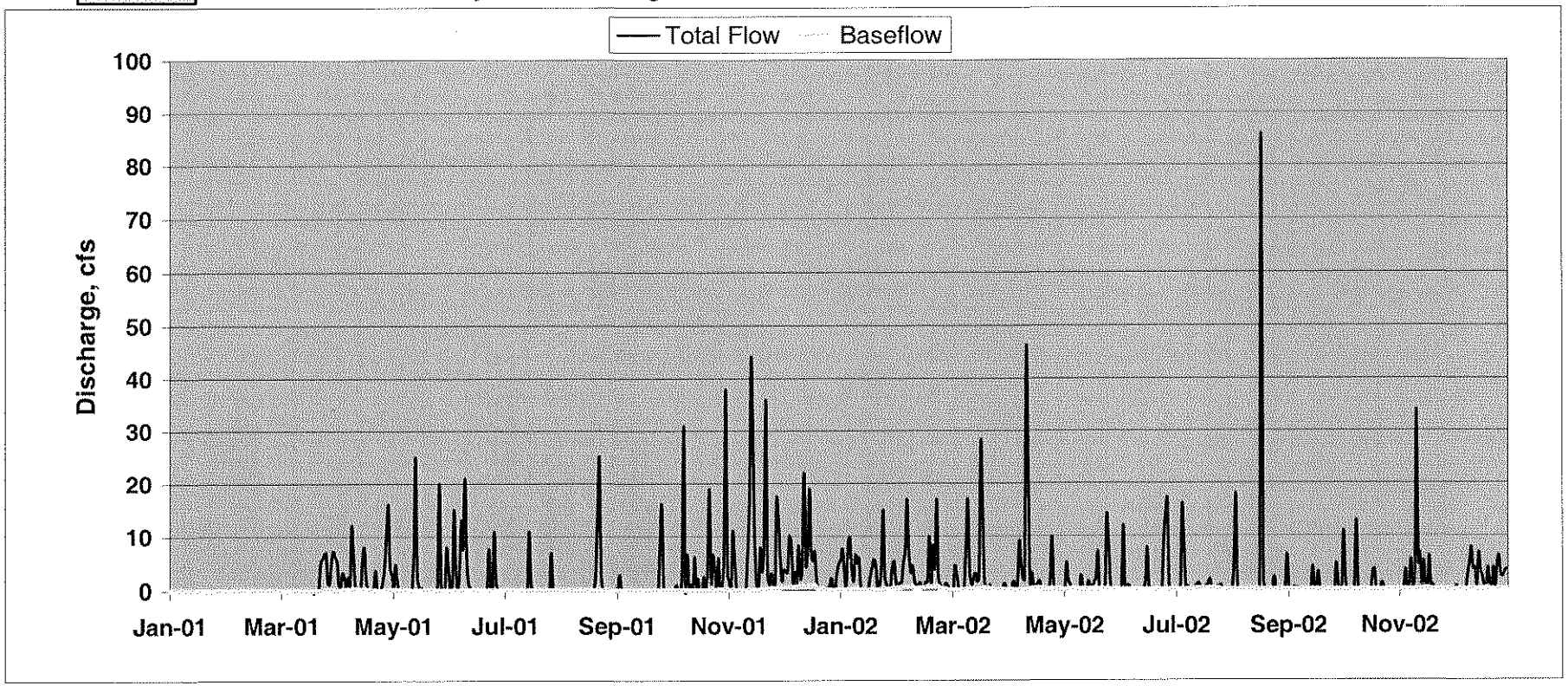
OUTPUT SUMMARY for 2001 - 2002

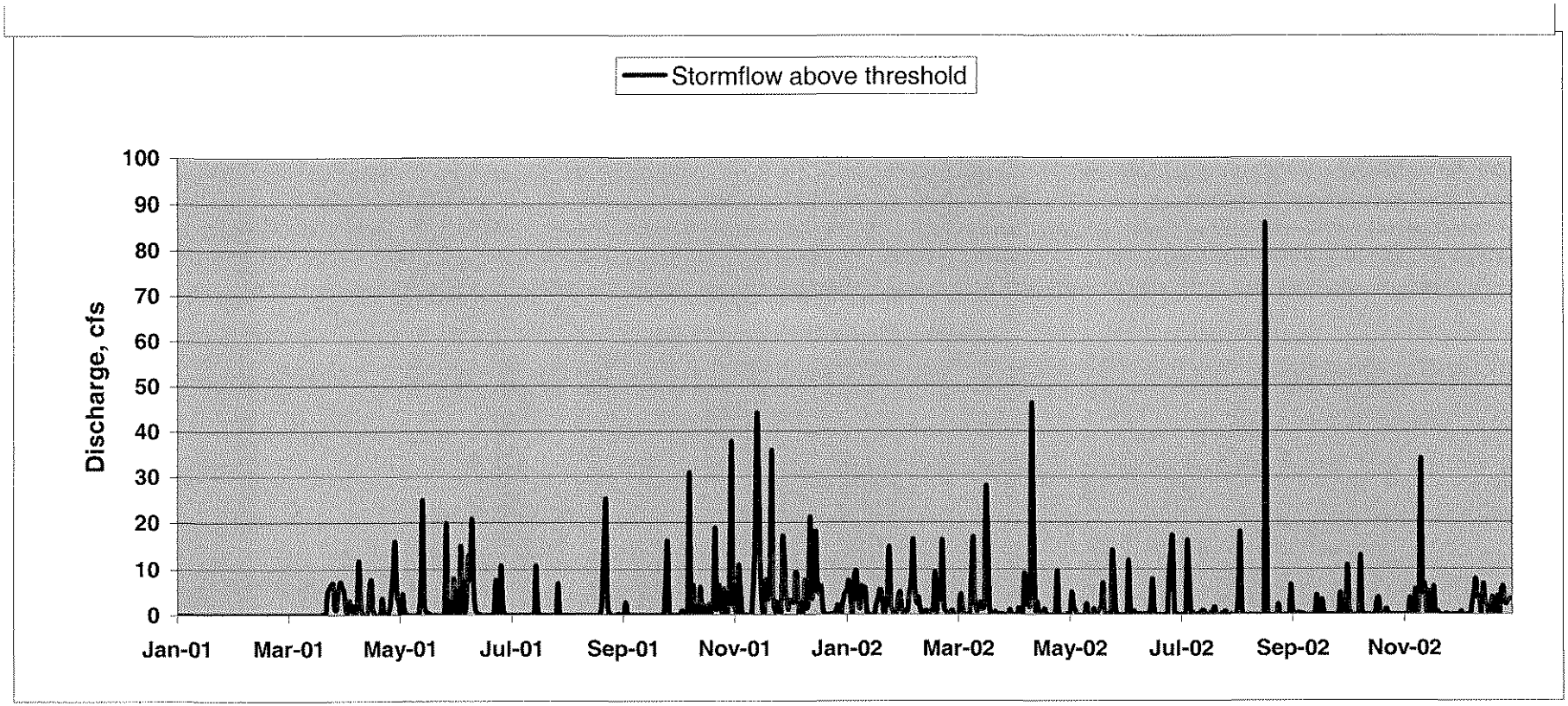
Station ID 44F Max Green WQA-Urban

Number of Missing Data Values	**79**	
Number of Storm Events	**94**	
Maximum Event Duration	**19**	Days

Stats	Baseflow	Stormflow
Min	0.0	n/a
Mean	0.1	4.5
Max	0.9	86.0

0.01 20.0% 0.03 15.0%




Stormflow above threshold
Discharge, cfs
100
90
80
70
60
50
40
30
20
10
0
Jan-01
Mar-01
May-01
Jul-01
Sep-01
Nov-01
Jan-02
Mar-02
May-02
Jul-02
Sep-02
Nov-02